

CLAIMS

What is claimed is:

1. A method for installing a device driver for driving a peripheral, comprising:
determining whether peripheral identification information has been obtained from the peripheral;
combining a basic address of an Internet or intranet site, providing a driver for the peripheral, and the peripheral identification information and generating a combined address, when it is determined that the peripheral identification information has been obtained;
determining whether the combined address has been accessed;
retrieving the driver from the combined address when it has been determined that the combined address has been accessed; and
installing the retrieved driver.
2. The method of claim 1, wherein, when it is determined that the peripheral identification information has been obtained, in the combining of the basic address and the peripheral identification information and generating of the combined address, at least information of one of a predetermined operating system (OS), a default language of the OS, and an extension of the OS, are combined with the basic address and the peripheral identification information to generate the combined address.
3. The method of claim 1, further comprising sending a first message to a user representing that the peripheral identification information has not been obtained, when the peripheral identification information has not been obtained.
4. The method of claim 1, further comprising checking an operational state of the peripheral and informing a user of a result of the check when it is determined that the peripheral identification information has not been obtained.

5. The method of claim 4, further comprising determining whether a user again requests installation of the driver after being informed of a result of the operational state of the peripheral, and repeating the determining of whether the peripheral identification information has been obtained when it is determined that installation of the driver is again requested.

6. The method of claim 5, further comprising accessing the basic address and manually finding the driver, when it is determined that installation of the driver has not again been requested.

7. The method of claim 1, further comprising sending a second message to a user indicating that the combined address has not been accessed when it is determined that the combined address has not been accessed.

8. The method of claim 1, further comprising checking an access environment of the combined address and informing a user of a result of the check, when it is determined that the combined address has not been accessed.

9. The method of claim 8, further comprising determining whether installation of the driver has again been requested after the informing of the result of the checking of the access environment and repeating the determining of whether the combined address has been accessed when it is determined that installation of the driver has again been requested.

10. The method of claim 9, further comprising accessing the basic address and manually finding the driver, when it is determined that installation of the driver has not again been requested

11. The method of claim 1, wherein the driver is installed in the peripheral and/or the host.

12. An apparatus for installing a device driver for driving a peripheral, comprising:

- an identification information input unit requesting and receiving peripheral identification information for the peripheral;
- a first address generation unit combining the peripheral identification information and a predetermined basic address of an Internet or intranet site providing the device driver and outputting the combined address;
- a driver input unit accessing the combined address and retrieving the device driver;
- and a driver installation unit installing the retrieved device driver.

13. The apparatus of claim 12, further comprising a first message sending unit sending a first message indicating that the peripheral identification information has not been obtained, in response to a first control signal, wherein the identification information input unit examines whether the peripheral identification information has been output from the peripheral and outputs the examination result as the first control signal.

14. The apparatus of claim 12, further comprising a state check unit checking, and informing a user of a result, of an operational state of the peripheral in response to a first control signal, wherein the identification information input unit examines whether the peripheral identification information has been output from the peripheral and outputs the examination result as the first control signal.

15. The apparatus of claim 14, further comprising a first installation request examination unit examining whether installation of the driver has again been requested in response to a completion of the informing of the result of the operated state of the peripheral and outputting the examination result as a second control signal, wherein the identification information input unit again requests the peripheral identification information from the peripheral and receives the peripheral identification information in response to the second control signal.

16. The apparatus of claim 15, further comprising a first basic address access unit accessing the basic address in response to the second control signal, wherein the user manually finds the driver.

17. The apparatus of claim 12, further comprising a second message sending unit sending a second message indicating that the combined address has not been accessed in response to a third control signal, wherein the driver output unit examines whether the combined address is accessed and outputs the examination result as the third control signal.

18. The apparatus of claim 12, further comprising an environment check unit checking, and informing a user of a result, of an access environment of the combined address in response to the third control signal wherein the driver input unit examines whether the combined address has been accessed and outputs the examination result as the third control signal.

19. The apparatus of claim 18, further comprising a second installation request examination unit examining whether installation of the driver has again been requested in response to a completion of the informing of the result of the access environment result and outputting the examination result as a fourth control signal, wherein the driver input unit tries again to access the combined address in response to the fourth control signal.

20. The apparatus of claim 19, further comprising a second basic address access unit accessing the basic address in response to the fourth control signal, wherein a user manually finds the driver.

21. The apparatus of claim 12, wherein the driver is installed in the peripheral and/or host.

22. A method for installing a device driver for driving a peripheral comprising:
generating a combined address using combined information stored in the peripheral and providing the combined address to a host;

accessing the combined address;
retrieving the driver provided from the combined address; and
installing the retrieved driver, wherein the combined information includes a basic address of an Internet or intranet site providing the driver.

23. The method of claim 22, wherein the generating of the combined address and providing the combined address to the host comprises:

changing a portion of the combined information stored in the peripheral;
generating the combined address using the changed combined information and other portions of the stored combined information; and

transmitting the combined address to the host and performing the accessing of the combined address, retrieving of the driver, and installing of the retrieved driver, wherein the portion of the combined information changed by a user corresponds to at least one of a default language of an operating system (OS) and an installation type of the driver.

24. The method of claim 23, wherein the generating of the combined address and providing of the combined address to the host further comprises determining whether the user requests the installation of the driver in the peripheral rather than the host, and proceeding to the changing of the portions of the combined information when it is determined that the user requests the peripheral for installation of the driver.

25. The method of claim 22, wherein the driver is installed in the peripheral and/or host.

26. An apparatus for installing in a host a device driver for driving a peripheral, comprising:

a peripheral generating a combined address using stored combined information and provides the combined address to the host; and

a host accessing the combined address provided from the peripheral, retrieving the driver provided at the combined address, and installing the retrieved drivers,

wherein the combined information includes a basic address of an Internet or intranet site providing the driver.

27. The apparatus of claim 26, wherein the peripheral comprises:
a storage unit storing the combined information;
a first manipulation unit manipulated by a user who requests installation of the driver and generating an installation request signal;
a second address generation unit generating the combined address from the combined information read out from the storage unit in response to the installation request signal; and
an address transmission unit transmitting the combined address to the host.
28. The apparatus of claim 27, wherein the peripheral further comprises a second manipulation unit changing a portion of the combined information read out from the storage unit, as designated by a user, and outputting the changed combined information, with the portion of the combined information changed by the user corresponding to at least one of a default language of an operating system (OS) and an installation type of the driver, and wherein the second address generation unit generates the combined address using the changed combined information and the another portion of the combined information read out from the storage unit.
29. A medium comprising computer readable code controlling a host and/or peripheral for installing a device driver in the host and/or peripheral according to the method of claim 1.
30. A medium comprising computer readable code controlling a host and/or peripheral for installing a device driver in the host and/or peripheral according to the method of claim 22.